

Abstract

A device comprising a carbon-fibre sheet for reinforcing support structures is disclosed, said carbon-fibre sheet terminating in an end fitting, whereby the ends of the carbon-fibre sheet are provided with means for coupling or with a bonding layer. The carbon-fibre sheet lies pressed in the end fitting by means of at least one wedge. Coupling means can take the form of glue, friction material with a particle size of 0.1-1.0 mm, a film provided with friction material, a powder coating or a plasma coating. Methods for reinforcement of support structures with device, with or without pre-stressing are disclosed. The device is characterised in having a high flexibility on arrangement of the support structure for reinforcement and the methods is characterized by a rapid and very economical assembly.